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PATENT

Attorney Docket No.: 018781-006330US
Client Reference No.: T00-014-1 (parent)

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By: Kimberly Rose

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lawrence R. McGee et al.

Application No.: To Be Assigned

Filed: Herewith

For: QUINOLINYL AND
BENZOTHIAZOLYL MODULATORS

Examiner: To Be Assigned (parent case:
Seaman, M.)

Art Unit: 1625 (parent)

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on the attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 10/278,851, filed October 21, 2002 (Attorney Docket No. 018781-006320US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants would also like to bring to the attention of the Examiner the following related patent applications: U.S. Patent Application No. 09/894,980, filed June 27, 2001, now U.S. Patent No. 6,583,157; U.S. Patent Application No. 10/209,205, filed July 30, 2002,

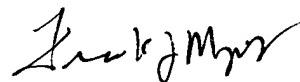
publication no. 2003-0139390 A1; U.S. Patent Application No. 09/606,433, filed June 28, 2000; U.S. Patent Application No. 10/456,932, filed June 5, 2003; U.S. Patent Application No. 09/847,887, filed May 2, 2001, publication no. 2002-0037928; U.S. Patent Application No. 10/123,298, filed April 15, 2002, publication no. 2003-0088103; U.S. Patent Application No. 09/741,415, filed December 19, 2000, publication no. 2001-0027200; and U.S. Patent Application No. 09/234,327, filed January 20, 1999, now U.S. Patent No. 6,200,995. The Examiner is requested to make these documents of record in the subject application.

Applicants especially call the Examiner's attention to the presently claimed and allowed subject matter of Application No.: 10/209,205.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Frank J. Mycroft
Reg. No. 46,946

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60086591 v1

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	To Be Assigned
				Filing Date	November 20, 2003
				First Named Inventor	McGee, Lawrence R.
				Art Unit	1625 (parent)
				Examiner Name	To Be Assigned (parent: Seaman, M.)
Sheet	1	of	6	Attorney Docket Number	018781-006330US

U.S. PATENT DOCUMENTS+				
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	1.	2,407,309	9-10-46	Lott et al.
	2.	3,034,955	5-15-62	Frick et al.
	3.	3,674,843	7-4-72	Shen et al.
	4.	3,686,192	8-22-72	Moore et al.
	5.	4,003,734	1-18-77	Johnston
	6.	4,013,621	3-22-77	Knell
	7.	4,061,642	12-6-77	Fleckenstein et al.
	8.	4,218,237	8-19-80	Nishiyama et al.
	9.	4,289,876	9-15-81	Algieri et al.
	10.	4,499,304	2-12-85	Gabrielsen et al.
	11.	4,549,901	10-29-85	James
	12.	4,565,568	1-21-86	Johnston et al.
	13.	4,577,028	3-18-86	Martin et al.
	14.	4,670,045	6-2-87	Ehr et al.
	15.	4,731,090	3-15-88	Boger et al.
	16.	4,756,739	7-12-88	Fuss et al.
	17.	4,851,419	07-89	Cox
	18.	4,866,079	9-12-89	Boger et al.
	19.	4,900,751	02-90	Cox
	20.	4,946,854	8-7-90	Maienfisch et al.
	21.	4,952,235	8-28-90	Andree et al.
	22.	4,987,141	1-22-91	Bushell et al.
	23.	5,008,276	4-16-91	Clough et al.
	24.	5,070,096	12-3-91	Mohrs et al.
	25.	5,093,340	03-1992	Mohrs et al.
	26.	5,143,937	9-1-92	Lang et al.
	27.	5,151,428	9-29-92	Sakamoto et al.
	28.	5,202,336	04-1993	Mohrs et al.
	29.	5,250,549	10-05-1993	Yoshino et al.
	30.	5,304,532	4-19-94	Munro et al.
	31.	5,360,810	11-1-94	Hayase et al.
	32.	5,444,036	8-22-95	Iwasaki et al.
	33.	5,514,696	5-7-96	Murugesan et al.
	34.	5,545,669	8-13-96	Adams et al.
	35.	5,610,320	3-11-97	Yoshino et al.
	36.	5,624,937	04-97	Reel
	37.	5,643,914	7-1-97	Daines
	38.	5,684,195	11-4-97	Huang et al.
	39.	5,716,993	2-10-98	Ozaki et al.
	40.	5,780,483	07-14-1998	Widdowson et al.
	41.	5,814,646	09-98	Heinz

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

60086591 v1

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
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				Filing Date	November 20, 2003
				First Named Inventor	McGee, Lawrence R.
				Art Unit	1625 (parent)
				Examiner Name	To Be Assigned (parent: Seaman, M.)
Sheet	2	of	6	Attorney Docket Number	018781-006330US

U.S. PATENT DOCUMENTS+						
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		Number	Kind Code ² (if known)			
	42.	5,880,136		3-9-99	Duggan et al.	
	43.	5,990,126		11-99	Park	
	44.	6,028,052		2-22-00	Heyman et al.	
	45.	6,200,995 B1		3-3-01	De la Brouse-Elwood et al.	
	46.	6,294,559		09-2001	Smith	
	47.	6,353,011		03-2002	Pershadsingh et al.	
	48.	6,583,157		06-2003	McGee et al.	
	49.	6,369,075 B1		04-09-2002	Ruggeri et al.	
	50.	2001-0027200		10-04-2001	de la Brouse-Elwood et al.	
	51.	2002-0037928 A1		03-28-2002	Jaen et al.	
	52.	2003-0088103 A1		05-08-2003	Houze et al.	
	53.	2003-0139390		07-24-2003	McGee et al.	
	54.	USSN 10/456,932		N-A	Jaen	
	55.	USSN 60/141,672		6-30-99	McGee et al.	
	56.	USSN 60/201,613		5-3-00	Jaen et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	57.	CH	592 411		10-31-77			<input type="checkbox"/>
	58.	DE	3632329	A1	3-31-88			<input type="checkbox"/>
	59.	EP	0 069 585	A1	1-12-83			<input type="checkbox"/>
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	62.	EP	0 306 222	A2	03-08-1989	Hokko Chemical Ind.		<input type="checkbox"/>
	63.	EP	0 472 053	B1	06-17-1998	Eisai Co., Ltd.		<input type="checkbox"/>
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	68.	JP	55-79369		6-14-80			<input type="checkbox"/>
	69.	JP	64-6245		1-10-89			<input type="checkbox"/>
	70.	WO	95/01326	A	1-12-95			<input type="checkbox"/>
	71.	WO	95/33461	A1	12-14-1995	SmithKline Beecham Corp.		<input type="checkbox"/>
	72.	WO	96/15118		5-23-96			<input type="checkbox"/>
	73.	WO	97/00857		9-1-97			<input type="checkbox"/>
	74.	WO	97/30677		8-28-97			<input type="checkbox"/>
	75.	WO	97/31907		9-4-97			<input type="checkbox"/>

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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	To Be Assigned
				Filing Date	November 20, 2003
				First Named Inventor	McGee, Lawrence R.
				Art Unit	1625 (parent)
				Examiner Name	To Be Assigned (parent: Seaman, M.)
Sheet	3	of	6	Attorney Docket Number	018781-006330US

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴				
	76.	WO	97/36579	10-9-97			<input type="checkbox"/>
	77.	WO	99/06378	2-11-99			<input type="checkbox"/>
	78.	WO	99/10320	3-4-99			<input type="checkbox"/>
	79.	WO	99/38845	8-5-99			<input type="checkbox"/>
	80.	WO	01/00579	1-04-01			<input type="checkbox"/>
	81.	WO	01/60807	08-2001			<input type="checkbox"/>
	82.	WO	01/70723	09-2001			<input type="checkbox"/>
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	84.	WO	01/87860	11-2002			<input type="checkbox"/>
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	86.	WO	01/87862	11-2001			<input type="checkbox"/>
	87.	WO	01/95906	12-2001			<input type="checkbox"/>
	88.	WO	02/00611	01-2002			<input type="checkbox"/>
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	92.	WO	02/14291	02-2002			<input type="checkbox"/>
	93.	WO	02/17901	02-2002			<input type="checkbox"/>
	94.	WO	02/18355	03-2002			<input type="checkbox"/>
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	98.	WO	02/28857	04-2002			<input type="checkbox"/>
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	101.	WO	02/30884	04-2002			<input type="checkbox"/>
	102.	WO	02/30895	04-2002			<input type="checkbox"/>
	103.	WO	02/40020	05-2002			<input type="checkbox"/>
	104.	WO	02/46161	06-2002			<input type="checkbox"/>
	105.	WO	02/49626	06-2002			<input type="checkbox"/>
	106.	WO	02/051820	07-2002			<input type="checkbox"/>
	107.	WO	02/053546	07-2002			<input type="checkbox"/>
	108.	WO	02/059098	08-2002			<input type="checkbox"/>
	109.	WO	02/060434	08-2002			<input type="checkbox"/>
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	112.	WO	02/062798	A3	08-2002		<input type="checkbox"/>
	113.	WO	02/062799		08-2002		<input type="checkbox"/>
	114.	WO	02/064094		08-2002		<input type="checkbox"/>
	115.	WO	02/066028		08-2002		<input type="checkbox"/>
	116.	WO	02/072003		09-2002		<input type="checkbox"/>

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60086591 v1

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				Application Number	To Be Assigned
				Filing Date	November 20, 2003
				First Named Inventor	McGee, Lawrence R.
				Art Unit	1625 (parent)
				Examiner Name	To Be Assigned (parent: Seaman, M.)
Sheet	4	of	6	Attorney Docket Number	018781-006330US

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		Country Code ³	Number ⁴				
117.	WO	02/074291		09-2002			<input type="checkbox"/>
118.	WO	02/080913		10-2002			<input type="checkbox"/>
119.	WO	02/081454		10-2002			<input type="checkbox"/>
120.	WO	02/090882		11-2003			<input type="checkbox"/>
121.	WO	02/092084		11-2002			<input type="checkbox"/>
122.	WO	02/092590		11-2002			<input type="checkbox"/>
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Examiner Signature	Date Considered
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60086591 v1

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	To Be Assigned
(use as many sheets as necessary)				<i>Filing Date</i>	November 20, 2003
				<i>First Named Inventor</i>	McGee, Lawrence R.
				<i>Art Unit</i>	1625 (parent)
				<i>Examiner Name</i>	To Be Assigned (parent: Seaman, M.)
Sheet	5	of	6	<i>Attorney Docket Number</i>	018781-006320US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	123.	BADILESCU, I., Chemical Abstracts, vol. 67, no. 9, August 28, 1967, Columbus, Ohio, United States; abstract no. 43516y, page 4076; XP002099084; "Synthesis of some N-aryl- and N,N-dialkyl-p-chloro-benzensulfonamides" REV.CHIM., 17(11):705-6 (1966).		
	124.	BAGULEY et al., Database accession no. 108:179602, Database Chemabs 'Onlinel!, RN 106831-10-1 CAPLUS, Eur. J. Cancer Clin. Oncol., 24(2):205-210 (1988).		
	125.	BURMISTROV et al., Database accession no. 115:8165, Database Chemabs 'Onlinel, RNs 98187-76-9 CAPLUS, 134284-4-5 CAPLUS, Ah., Org. Khim, 26(9):1995-1998 (1990).		
	126.	BURMISTROV et al., Database accession no. 122:132338, Database Chemabs 'Onlinel, RN 134284-40-5 CAPLUS, Zh. Org. Khim, 30(5):744-747 (1994).		
	127.	Cain et al., "Potential antitumor agents. 14. Acridylmethanesulfonanilides," J. Med. Chem. 17(9):922-930 (1974).		
	128.	Chaturvedi et al., "Antibacterial studies of 7-(α -substituted sulfonamido)methyl- and 7-(α -substituted sulfonamido)phenyl-8-hydroxyquinolines," Journal of the Indian Chemical Society 61(2):175-176 (1984) (Abstract. Chem. Abstract Accession Number: 101:87311)		
	129.	COLLINS et al., "N-(2-Benzoylphenyl)-L-tyrosine PPAR γ agonists. 2. Structure-activity relationship and optimization of the phenyl alkyl ether moiety," J. Med. Chem. 41(25):5037-5054 (1998).		
	130.	DENNY et al., Database accession no. 96:79437, Database Chemabs 'Onlinel, RNs 80260-24-8 CAPLUS, 80260-260 CAPLUS, J. Med. Chem., 25(3):276-315 (1982).		
	131.	DUMAS, Chemical Abstracts 131:336969, abstract of Bioorg Med Chem Legg, 9(17):2531-2536 (1999).		
	132.	FORMAN et al., "15-Deoxy- Δ^{12-14} -Prostagladin J ₂ Is a Ligand for the Adipocyte Determination Factor PPAR γ ," Cell, 83:803-812 (1995).		
	133.	JIANG et al., "PPAR- γ agonists inhibit production of monocyte inflammatory cytokines," Nature 391:82-86 (1998).		
	134.	LEHMANN et al., "Peroxisome Proliferator-activated Receptors α and γ Are Activated by Indomethacin and Other Non-steroidal Anti-inflammatory Drugs," The Journal of Biological Chemistry, 272(6):3406-3410 (1997).		
	135.	LEHMANN, J. et al., "An antidiabetic Thiazolidinedione is a high affinity ligand for peroxisome proliferator-activated receptor γ (PPAR γ)" J. Biol. Chem 270(22):12953-12956 (1995).		
	136.	MERCK INDEX, THE, 10th Ed., Windholz et al., eds. Merck & Co., Inc., Rahway, NJ., pp. 849-850, Abstract 5792 (1983).		
	137.	MYSYK et al., Database accession no. 92:163637, Database Chemabs 'Onlinel, RN 73320-75-9 CAPLUS, Zh. Org. Khim, 15(12): 2499-2502 (1979).		
	138.	PIEPER et al., Database accession no. 112:138679, Database Chemabs "Onlinel, RN 101513-48-8 CAPLUS, Arzneim.-Forsch., 39(9):1073-1080 (1989).		

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²Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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				Filing Date	November 20, 2003
				First Named Inventor	McGee, Lawrence R.
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	139.	RICOTE et al., "The peroxisome proliferator-activated receptor- γ is a negative regulator of macrophage activation," Nature 391:79-82 (1998)		
	140.	SARUL, et al., Database accession no. 103:123106, Database Chemabs 'Online!, RN 98187-77-0 CAPLUS, Latv. Psr Ainat. Akad. Vestis, Kim. Ser., 2:225-228 (1985).		
	141.	SEBE et al., Database accession no. 117:214517, Database Chemabs 'Online!, RNs 144206-02-0 CAPLUS, 144232-65-5 CAPLUS, Rev. Chim, 43(5-6):222-225 (1992).		
	142.	SPIEGELMAN, B.M., "PPAR- γ : adipogenic regulator and thiazolidinedione receptor," Diabetes 47:507-514 (1998)		
	143.	WILSON et al., "The Structure-Activity Relationship between Peroxisome Proliferator-Activated Receptor γ Agonism and the Antihyperglycemic Activity of Thiazolidinediones," J. med. Chem., 39:665-668 (1996).		
	144.	WOLLEWEBER et al., Database accession no. 101:151540, Database Chemabs 'Online!, RN 92114-63-1 CAPLUS, Arzneim.-Forsch., 34(5): 531-542 (1984).		
	145.	ZAITSEVA et al., Database accession no. 86:43377, Database Chemabs 'Online!, RN 61381-98-4 CAPLUS, Zh. Org. Khim, 12(9):1987-1992 (1976).		

Examiner Signature	Date Considered
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